

Claims Status

1. (Amended) In a fishing boat having a roof with a opening therein, a remotely controlled outrigger: comprising: a mounting plate attached to a top surface of the roof an carrying a cylindrical mounting sleeve having an upper portion extending above said roof and a lower portion extending below said roof, said lower portion of said mounting sleeve having a first slot therein spanning a sector of around 90°, said mounting sleeve having a base at said a lower end and forming an upwardly opening cavity; a cartridge assembly received in said cavity and having a pivot member engaging said base; a second slot formed in said base intersecting said first slot; a handle having an inner end pivotally connected to said pivot member about a horizontal axis within said second slot and an outer end extending outwardly through said first slot whereby rotation of said handle rotates said pivot member within the confines of said first slot; a cylindrical actuator member received in said cavity and connected with said pivot member and having an upper end extending above said upper portion of said mounting sleeve; a first piston member slidably carried in a vertically downwardly opening first bore in said actuator member and pivotally connected to said inner end of said handle whereby reciprocation of said handle about said horizontal axis effects reciprocation of said first piston member in said first bore; a second piston member slidably carried in a vertically upwardly opening second bore in said actuator member, said second piston member having a free end extending upwardly beyond said mounting sleeve; inlet port means including valve means for unidirectionally permitting fluid flow from said first bore to said second bore upon reciprocation of said handle to effect upward movement of said second piston member; second port means fluidly interconnecting said second bore with said first bore; second valve means for

controlling fluid flow through said second port means whereby said second valve means in an open position vents said second bore to permit downward movement of said second piston member; a horizontal support plate mounting at said upper end of said easing actuator member and rotatable therewith; a boom member for carrying an outrigger pole on one end pivotally connected to said support plate for rotation about a horizontal axis; and linkage means connecting said upper free end of said second piston member with said boom member whereby reciprocation of said handle extends said second piston member to raise said boom member and rotation of said handle rotates said boom member and said cartridge assembly between an inboard position and an outboard position to deploy said outrigger pole for trolling from said fishing boat.

2. (Amended) The outrigger as recited in claim 1 wherein said sleeve mounting member includes a second circumferential slot and said second valve means extends outwardly therethrough.

3. (Amended) The outrigger as recited in claim 2 wherein said fastener means extends including means extending through said base of said sleeve member and connected connecting with said pivot member for permitting rotation while preventing removal of said cartridge assembly from said mounting sleeve.

4. (Amended) The outrigger as recited in claim 3 wherein said support plate includes an upwardly extending bracket pivotally connected to said an other end of said boom member.

5. (Amended) The outrigger as recited in claim 3 including detent means between said mounting sleeve member and said easing actuator member providing detented locations for said inboard position and said outboard position.

6. (Amended) The outrigger as recited in claim 5 wherein said linkage means includes a bracket attached to said boom member and a link pivotally connected between said bracket and said ~~upper~~ free end of said second piston member for accommodating inclination of said boom member during extension of said second piston member.

7. (Amended) A remotely controlled outrigger for mounting on a fishing boat for movement between an inboard position and an outboard position, said outrigger comprising: a sleeve member for attachment to the fishing boat and having an upwardly opening cavity; a cartridge member supported in said sleeve member and rotatable about a vertical axis between said inboard position and said outboard position, said cartridge member including a hydraulic actuator including a piston member supported in a cylinder, said piston member moveable in response to fluid flow in said cylinder between a raised an extended position and a lowered retracted position; plunger means for delivering said fluid flow to said cylinder; an outwardly projecting handle pivotally supported on said cartridge member about a horizontal axis and operatively connected with said plunger means wherein reciprocation of said handle about said horizontal axis operates said plunger means for delivering said fluid flow to said cylinder to move said piston member from said lowered retracted position to said raised extended position, and wherein rotation of said handle rotates said cartridge member between said inboard position and said outboard position; stop means operative between said sleeve member and said cartridge member to establish said inboard position and said outboard position; a support member attached to the upper end of said cartridge member; a outrigger boom adapted to carry an outrigger pole pivotally connected at one end to said support member for pivotal movement about a horizontal axis between a lowered position and a raised position;

connecting means between said piston member and said boom member for moving said boom between said lowered position and said raised position as said piston member moves between said retracted position and said extended position; and vent means for releasing fluid from said cylinder to allow said piston member to return to said retracted position and lower said boom to said lowered position.